FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. GYRO.013A APPLICATION NO. 10/811,317

BY APPLICANT

APPLICANTS
Roger Ekseth et al.

March 26, 2004

FILING DATE

GROUP Unknown

1 6 (BSE SERAL SHEETS IF NECESSARY)

| Out 8 1 | | <u> </u> | | U.S. PATENT DOCUMENTS | | | |
|---------------------|-----------------|-----------------|----------|-----------------------|------------|---------------|---------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| TB | 1 | 4,537,067 | 08/27/85 | Sharp et al. | 73 | 150.B | |
| | 2 | 4,909,336 | 03/20/90 | Brown et al. | 175 | 45 | |
| | 3 | 4,987,684 | 01/29/91 | Andreas et al. | 33 | 304 | |
| | 4 | 5,657,547 | 08/19/97 | Uttecht et al. | <i>3</i> 3 | 304 | |
| | 5 | 5,806,195 | 09/15/98 | Uttecht et al. | <i>3</i> 3 | 304 | |
| | 6 | 5,812,068 | 09/22/98 | Wisler et al. | 340 | 855.5 | |
| | 7 | 5,821,414 | 10/13/98 | Noy et al. | 73 | 152.54 | |
| . [| 8 | 5,842,149 | 11/24/98 | Harrell et al. | 702 | 9 | |
| | 9 | 6,021,377 | 02/01/00 | Dubinsky et al. | 702 | 9 | |
| | 10 | 6,145,378 | 11/14/00 | MacRobbie et al. | 73 | 490 | |
| | 11 | 6,173,773 | 06/16/01 | Almaguer et al. | 166 | <u>ڪيج.</u> ۾ | |
| | 12 | 6,192,748 | 02/27/01 | Miller | 73 | 1552.01 | |
| | 13 | 6,206,108 B1 | 03/27/01 | MacDonald et al. | 175 | 24 | |
| | 14 | 6,315,062 B1 | 11/13/01 | Alft et al. | 175 | 45 | |
| | 15 | 6,381,858 B1 | 05/07/02 | Shirasaka | 33 | 304 | |
| | 16 | 2002/0056201 Å1 | 05/16/02 | Dallas et al. | 33 | 313 | |
| ٠, | 17 | 6,453,239 B1 | 09/17/02 | Shirasaka et al. | 701 | 330 | |
| 1/ | 18 | 6,484,818 B2 | 11/26/02 | Alft et al. | 175 | 45 | |

| · · · · · | | | | FOREIGN PATENT DOCUMENTS | | | | |
|-----------|----|-----------------|----------|--------------------------|-------|----------|-------|----------|
| EXAMINER | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANS | LATION |
| INITIAL | | | | | | | YES | NO |
| ~B. | 19 | EP 0 646 696 A1 | 09/13/94 | Europe | | | | <u> </u> |

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| EXAMINER | Janul | W Bellow | DATE CONSIDERED 3/15/05 |
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|---------------|--|--------------------------------|-------------------------------|-------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY, DOCKET NO. GYRO.013A | APPLICATION NO. 10/811,317 | |
| BY APPLICANT | | APPLICANTS Roger Ekseth et al. | | |
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| EXAMINER INITIAL | Attendadamenta interpretational trices attrest entre trices attrest entre trices | | | | | |
|---------------------|--|--|--|--|--|--|
| T.B. | | ±150"/s Single Chip Yaw Rate Gyro with Signal Conditioning, Analog Devices, ADXRS150, ©2003 Analog Devices, Inc. | | | | |
| 1 | 21 | ±300'/s Single Chip Yaw Rate Gyro with Signal Conditioning, Analog Devices, ADXRS300. | | | | |
| | 22 | Geen, J., et al., New iMEMS® Angular-Rate-Sensing Gyroscope, Analog Dialogue, 2003, Vol. 37, No. 3, pp. 1-4. | | | | |
| | | Teegarden, Darrell, et al., How to Model and Simulate Microgyroscope Systems, IEEE Spectrum, July 1998, Vol. 35, No. 7, pp. 66-75. | | | | |
| \sqrt{J} | 24 | Yazdi, N., et al., Micromachined Inertial Sensors, Proc. of the IEEE, August 1998, Vol. 86, No. 8, pp. 1640-1659. | | | | |

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Best Available Copy

| EXAMINER C | milo | Bellam | | DATE CONSIDERED | 3 | 15/05 | | |
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| / | TO LOOK CANCALTAL | Application No. | 10/811,317 | |
| DEC | SUPPLEMENTAL | Filing Date | March 26, 2004 | |
| \ <u>\</u> | INFORMATION DISCLOSURE | First Named Inventor | Not yet named | |
| N. | INFORMATION DISCLOSURE ATEMENT BY APPLICANT (Multiple sheets used when necessary) | Art Unit | 2856 | |
| | (Multiple sheets used when necessary) | Examiner | Unknown | |
| | SHEET 1 OF 1 | Attorney Docket No. | GYRO.013A | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-------------|---|--------------------------------|-------------------------------|--|--|
| Examiner Initials | Cite No. | Document Number Number - Kind Code (if known) Example: 1,234,567 B1 | Publication Date MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | |
| T.B. | 1 | 6,151,553 | 11/21/2000 | Estes et al. | | |
| W | 2 | 2002/112887 A1 | 08/22/2002 | Harrison | | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--|--------------------------|--|--------------------------------|--|--|----|--|--|--|
| Examiner Initials | Cite No. | Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1 | Publication Date MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | т¹ | | | |
| T.B. | 3 | PCT/US2004/021899 | 07/09/2004 | PCT Int'l Search Report dated 11/03/2004 | | | | | |
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| | NON PATENT LITERATURE DOCUMENTS | | | | | | | | |
|---|---------------------------------|---|----|--|--|--|--|--|--|
| Examiner Initials Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T¹ | | | | | | |
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| Examiner Signature | amilo | Bellam | Date Considered 3 15 05 |
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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